

After Many A Lecture

Huxley Leaves For Warmer Climes



Aldous Huxley (center) discusses literary style as he conducts the Senior Humanities Seminar for the last time before leaving for the warmer California climes. He will return in April to take part in the Centennial Celebration. On Huxley's left is Professor Roy Lamson, Director of Course 21; on his right is Professor Georgio De Santillana.

Jobs On Block

Placement Office Serves Students

By Barry Roach '62

This is the first of a series about facilities at MIT of which Joe Student may not be aware. Next week — How to get into Grad School. Articles in the future will concern summer employment, extra-curricular activities; counseling, and other subjects dealing with MIT's non-academic services.

When you come right down to it, the main reason most of us come to MIT is not to get an education, but rather, to accumulate enough skills to get a job. Consequently, what goes on in one of the interview rooms in Building One is as important in this respect as what went on in the four years preceding.

Fortunately, MIT has one of the best placement offices in the nation. Mr. T. W. Harrington, Jr., Placement Officer, has had a great hand in maintaining and strengthening this position. However, he is quick to point out that the placement office does not place anyone. "As everything else at the Institute, there is as much here as you want to get out of it," he said in emphasizing that the legend of 10 offers per MIT graduate is very much a thing of the past.

Since '57, when Mr. Harrington took charge of the office, "Only two Seniors to my knowledge have received more than ten job offers. The average tends to run around one-and-a-half."

The program of twentieth-century music for concert band will also feature "Theme and Variations," Opus 43A, by Arnold Schoenberg; "Chester" overture by William Schuman; and the "Essay for Band," by William Malouf.

The program also includes a symphonic march by Alexander Tcherepnin, "Praeludium and Allegro," by Vittorio Giannini, and Andrew Kazdin's "Prelude and Happy Dance."

Rev. Gouch Conducts Advent Conference

Conducted by the Rev. Walter T. Gouch, C.S.P., the Advent mission for all Catholics will be held in the chapel, December 5-9. A 15-minute conference will precede the 8 a.m. mass followed by two conferences at 12:15 and 6:30 p.m.



Fr. Gouch may be personally consulted at other times at the religious counsellor's office. A special noon conference is to be held in the Little Theater, Kresge Auditorium, Wednesday.

New Life Insurance Plan Is Promoted By Senior Class

A special program of individual life insurance for MIT students is currently being proposed under the auspices of the Senior Class and Boit, Dalton and Church, insurance brokers.

The group of businessmen handling the program, which includes MIT alumni, is currently conducting conferences in campus living groups, with the purpose of informing seniors of the advantages of the program.

Essentially, the insurance offered is a "straight" life insurance type. The principle argument in its favor is that large group rates are being made to apply to all who enroll under the program, much like the group plans of large companies for their employees. Also, no physical examination is necessary for the insured, as the rates are determined solely from statistical tables for representative large groups who have insured themselves.

The timing of the present conferences was planned to coincide with Christmas vacation, so that Seniors might have an opportunity to discuss the plan with their families before arriving at a decision.

Harrison To Chair Science Symposium

George W. Harrison, Dean of the School of Science, will be chairman of the Symposium on Communist Chinese Science to

be held during the convention of the American Association for the Advancement of Science on December 26th and 27th in New York.

Professor Yao T. Li of the

Department of Aeronautics and Astronautics will speak on Communist Chinese achievements in Aeronautics, electronics, and computer technology.

The MIT Libraries acted as secretariat to the organizing committee and were supported by a grant from the National Science Foundation.

WTBS Begins Operation In New Home



Campus radio station WTBS began operation from its new studios in the basement of Walker Memorial at the beginning of the week. While construction of the studios is complete, equipment is still being built in preparation for FM broadcasting next spring.

MIT Honored For Its Contributions Toward International Development

The Institute of International Education is presenting its annual Distinguished Service Award to MIT tonight in San Francisco at the IIE Award Dinner. Dr. James R. Killian, Jr., Chairman of the Corporation of MIT will accept the award.

The school is receiving the award because of its contributions to the mutual development of nations. MIT has a greater percentage (12.5%) of foreign students than any other privately supported university. This year 792 foreign students, representing 74 countries, are enrolled at the Institute.

There are eight countries with more than 20 students attending: Canada has 108, India, 76; China, 51; Japan, 58; Korea, 36; Israel, 31; France, 27; and England, 22.

This year, the school has opened its facilities to 264 senior scholars from abroad — teachers, researchers, and guests with academic privileges.

Substantial numbers of U.S. students from MIT go abroad on Fulbright and other fellowships. Last year 17 faculty members also studied and worked abroad.

This year, eight men, who have recently received their Master's in Industrial Management, have gone to Africa to work for two years with foreign corporations or governments. Also cited is the Institute's Center for International Studies.

The Tech

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Committee Of Engineering Promoters Formed

Contrary to a growing popular opinion, the engineer is not merely a highly skilled technician, according to Professor Joseph Keenan, head of Mechanical Engineering.

To dispel this erroneous view which has become prevalent during the past few years, the School of Engineering has formed a Public Attitudes Committee. The Committee consists of Professor Joseph Keenan, chairman, and Professors Charles Draper, John Wilbut, and Thomas Sherwood.

Primary concern of the committee is the drop of students enrolled in engineering from 75% to 48% of the total enrollment in the last few years. According to Professor Keenan, "There is a strong trend to feel that engineering is not quite as good as science. There are many paths to a scientific career. The engineering path is not inferior to the purely scientific path."

East Campus Frosh Found Dead In Room

An MIT freshman, Alexander L. Jones, of Columbus, Ga., was found dead in his East Campus room last Friday.

The death was discovered by two of Jones' fellow students at East Campus who were calling on him in the afternoon. He was pronounced dead on arrival at Massachusetts General Hospital minutes later.

Naval Unit Announces

New Midshipman Captain

Grady W. Harris '61, member of Sigma Nu, has been named to the rank of Midshipman Captain of the MIT NROTC Unit for the present academic year. Other top Midshipman Officers named by Captain George L. Street III, USN, Professor of Naval Science were: Milliard S. Firebaugh from Sigma Phi Epsilon, Raymond D. White from Baker House, Steven N. Goldstein from the NRSA as Midshipman Commanders, and Denis R. DuBois from the NRSA as a Midshipman Lieutenant Commander.

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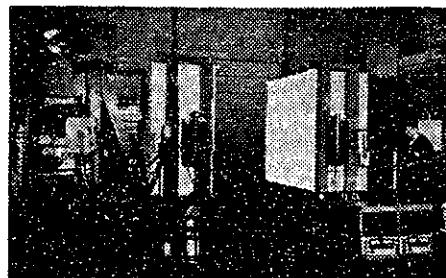
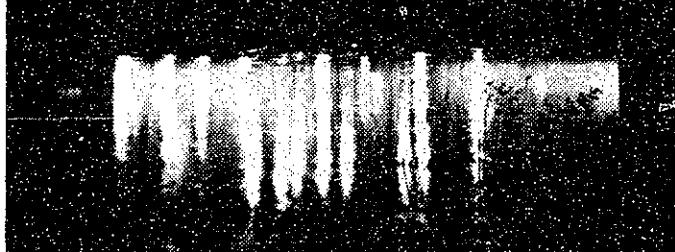
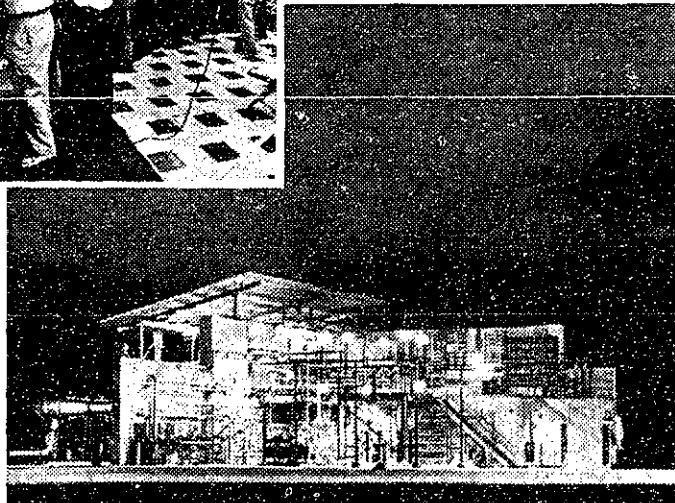
Back in 1925, when Pratt & Whitney Aircraft was designing and developing the first of its family of history-making powerplants, an attitude was born—a recognition that *engineering excellence* was the key to success.

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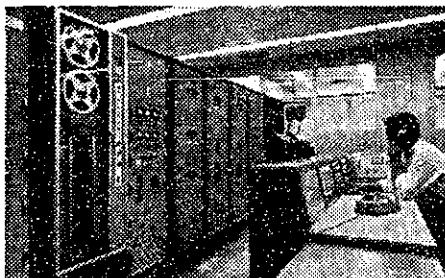
The field, of course, is broader now, the challenge greater. No longer are the company's requirements confined to graduates with degrees in mechanical and aeronautical engineering. Pratt & Whitney Aircraft today is concerned with the development of all forms of flight propulsion systems for the aerospace medium—air breathing, rocket, nuclear and other advanced types. Some are entirely new in concept. To carry out analytical, design, experimental or materials engineering assignments, men with degrees in mechanical, aeronautical, electrical, chemical and nuclear engineering are needed, along with those holding degrees in physics, chemistry and metallurgy.

Specifically, what would *you* do?—*your own engineering talent* provides the best answer. And Pratt & Whitney Aircraft provides the atmosphere in which that talent can flourish.

Development testing of liquid hydrogen-fueled rockets is carried out in specially built test stands like this at Pratt & Whitney Aircraft's Florida Research and Development Center. Every phase of an experimental engine test may be controlled by engineers from a remote blockhouse (inset), with closed-circuit television providing a means for visual observation.



At P&WA's Connecticut Aircraft Nuclear Engine Laboratory (CANEL) many technical talents are focused on the development of nuclear propulsion systems for future air and space vehicles. With this live mock-up of a reactor, nuclear scientists and engineers can determine critical mass, material reactivity coefficients, control effectiveness and other reactor parameters.



Representative of electronic aids functioning for P&WA engineers is this on-site data recording center which can provide automatically recorded and computed data simultaneously with the testing of an engine. This equipment is capable of recording 1,200 different values per second.



Studies of solar energy collection and liquid and vapor power cycles typify P&WA's research in advanced space auxiliary power systems. Analytical and Experimental Engineers work together in such programs to establish and test basic concepts.

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On Campus with Max Shulman

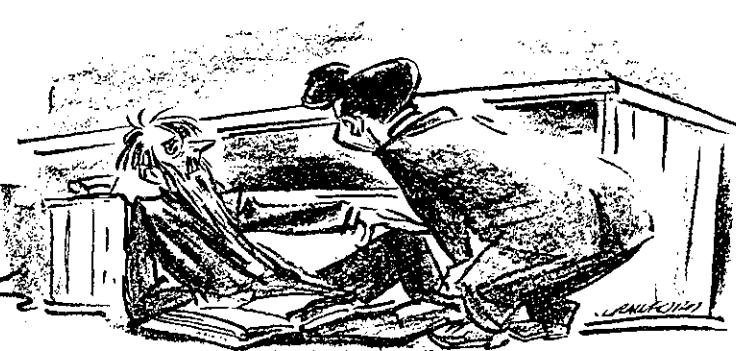
(Author of "I Was a Teen-age Dwarf", "The Many Loves of Dobie Gillis", etc.)

HOW TO BEAT THE BEAT GENERATION

My cousin Herkie Nylet is a sturdy lad of nineteen summers who has, we all believed until recently, a lively intelligence and an assured future. Herkie's father, Walter O. Nylet, is as everyone knows, president of the First National Artificial Cherry Company, world's largest maker of artificial cherries for ladies' hats. Uncle Walter had great plans for Herkie. Last year he sent Herkie to the Maryland College of Humanities, Sciences, and Artificial Cherries, and he intended, upon Herkie's graduation, to find him a nice fat wife and take him into the firm as a full partner.

Could a young man have more pleasing prospects? Of course not. But a couple of months ago, to everyone's consternation, Herkie announced that he was not going into the artificial cherry business. Nor was he going to stay in college. "I am," said Herkie, "a member of the Beat Generation. I am going to San Francisco and grow a beard."

Well sir, you can imagine the commotion in the family when Herkie went traipsing off to San Francisco! Uncle Walter would have gone after him and dragged him home, but unfortunately he was right in the middle of the artificial cherry season. Aunt Thelma couldn't go either because of her old leg trouble. (One of her legs is older than the other.)



"Herkie, how are you?"

So I went. I searched San Francisco for weeks before I found Herkie living under the counter of a Pronto Pup stand. "Herkie, how are you?" I cried, looking distraughtly upon his tangled beard, his corduroy jacket, his stricken eyes.

"Beat," said Herkie.

I offered him a Marlboro and felt instantly better when he took it because when one smokes Marlboros, one cannot be too far removed from the world. One still has, so to speak, a hold on the finer things of life—like good tobacco, like easy-drawing filtration, like settling back and getting comfortable and enjoying a full-flavored smoke. One is, despite all appearances, basically happiness-oriented, fulfillment-directed, pleasure-prone.

"Herkie, what are you doing with yourself?" I asked.

"I am finding myself," he replied. "I am writing a novel in the sand with a pointed stick. I am composing a fugue for clavier and police whistle. I am sculpting in experimental materials—like English muffins."

"And what do you do for fun?" I asked.

"Come," he said and took me to a dank little night club where men in beards and women in basic burlap sat on orange crates and drank espresso. On a tiny stage stood a poet reciting a free-form work of his own composition entitled *Excema: The Story of a Boy* while behind him a jazz trio played 200 choruses of *Tin Roof Blues*.

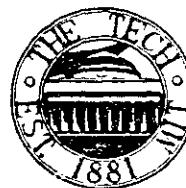
"Herkie," said I, "come home with me to the artificial cherries."

"No," said Herkie, so sadly I went home to tell Uncle Walter the bad news. He was less distressed than I had feared. It seems Uncle Walter has another son, a quiet boy named Edvorts, about whom he had completely forgotten, and today Edvorts is in business with Uncle Walter and Herkie is beat in San Francisco, and everyone is happy.

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The Tech



Hidden Issues and an Open Meeting

MIT has always been noteworthy for the freedom of choice she has offered her students as far as athletic and extracurricular activities go. There are times, however, when rules of one sort or another become necessary to preserve some sort of order.

Recently it has been proposed that a ruling be made that all varsity athletes be barred from all intramural contests for the duration of the varsity season, except with written permission of the proper coach. One of the effects of this measure would be to protect an activity which is presently suffering at the hands of another: varsity teams are plagued with injuries incurred in intramural contests, notably football. This is reasonable—but the measure, as proposed, goes much more than this.

Removing varsity players from intramural competition will have important long-range effects. We feel that some of them will be harmful, and have said as much in print, on two previous occasions.

Now although there seems to be no doubt in the minds of the various men involved in deciding on this ruling that it is a "good thing", not one of them has taken the time to write to this paper and express why he is in favor of it. These men should be aware that they are not operating in a vacuum, and should not wait until their opinions have been enacted into law before defending them in public.

There is a meeting of the Intramural Council

LETTERS:

AN OPEN LETTER to the Chairman of the Charities Drive Technology Community Association

Sir:

I do not know why you offer two kegs of beer to the living group with the highest per capita contribution to the campaign, but your method of advertising implies that they are an incentive to give. You are removing any moral significance or social responsibility implied when one person voluntarily gives to help others. Yet this moral or social responsibility, rephrased, man's love for his fellow man, is exactly what charity is. Under these circumstances, it is of great consequence that we seriously appraise our concepts of giving and remuneration. Your ends are laudable, but your means abominable.

This year I shall send contributions directly to the charities.

Sincerely yours,
DAVID S. KINDERLEHRER '63

Dear Sir:

To reply to Mr. Büttner's letter in the last issue of *The Tech*. The World University Service has hardly given the T.C.A. Charities Drive any help this year. The fact that the W.U.S. has been the recipient of aid in the Charity Drives in the past seems to qualify some other needy charities other than the W.U.S. to get a chance to receive this aid. The aim of the Charities Drive is to aid needy charities, not to have one monopolize it year after year.

In recent years the W.U.S. has done rather poorly in these drives. It does not seem to have the support of the student body. In the last T.C.A. Charity Drive the W.U.S. received a total of \$200 while the total drive netted

a meager \$1950. The W.U.S., I agree, is a worthy cause, but it spends too much money on organization and bureaucracy in the U.S. instead of applying it to the areas it is needed.

Perhaps Mr. Büttner can help the W.U.S. to a greater extent by publicizing it in other areas as well as the editorial page of *The Tech*. I am fairly certain that quite a lot of people have never heard of the W.U.S., much less its aims and objectives before. This could be a reason for its poor showing in the charity drives.

The general poor showing of the Charity Drive is directly attributed to the poor showing of the MIT student body. The miserly, apathetic "Tech Tool" sees fit to give less than 50 cents per man while other schools often give TWENTY TIMES this amount. There is certainly room for much improvement.

Yours truly,
FRANK VERLOT '63

The Tech

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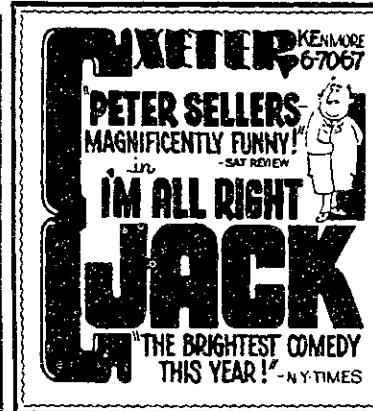
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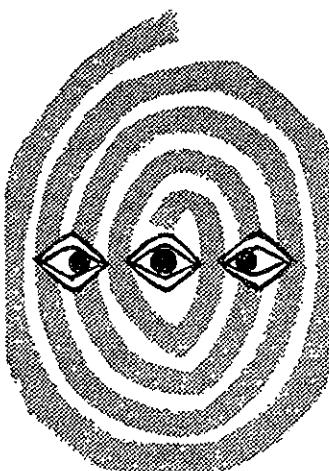
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With the fall term half over, the local entertainment picture seems to have settled to equilibrium. There are five plays around the area (four professional and one collegiate), and there is a variety of music available, including an oratorio.

Until Monday, the Wilbur will be featuring a Canadian comedy by Robertson Davies entitled "Love and Libel". This one seems to be standard tired-businessman fare.

Phil (Sergeant Bilko) Silvers opened a three week engagement at the Colonial last Monday in a musical called "Do-Re-Mi". Nothing specific is known in this quarter, but, judging from Silvers' past musical experience, he should make a lot of Do on this one.

The Shubert is the place to see actor, western hero, and screen idol, Henry Fonda in "Critic's Choice", his first comedy role since "Mister Roberts". The whimsy will continue until next Saturday.

Just why are Didi and Gogo "Waiting For Godot" at the Charles Playhouse? Samuel Beckett's provocative drama will be around for another two weeks. No intellectual dare miss it.

Continuing their study of the tragic hero, the B.U. players will be doing "Doctor Faustus" all next week. Directing the good doctor's fall will be Word Baker, a professional whose off-Broadway productions of "The Crucible" and "Fantasticks" displayed no lack of ability.

Hallelujah, the Handel and Hayden Society has imported a quartet of soloists for their production of the Messiah at Symphony Hall Sunday evening.

Alan Lomax, billed as "The world's foremost folk song collector" is also being imported, this weekend. He'll be at Saunders Theater, Harvard on Saturday night.

Elizabethan ballad singer, Richard Dyer-Bennett will be vying with Lomax for audience Saturday evening. He'll be at Jordan Hall.

The choice is clear, though, for impoverished music-lovers. The MIT Concert Band is giving a free program of contemporary works Saturday at Kresge. Prominent on the program, will be a work by Andrew Kazdin, a grad student at the institute.

This is an all Alec Guiness weekend at LSC. Two very amusing films by the king of contemporary comedy are on the agenda. The classic series will present "Kind Hearts and Coronets" while the thirty-center is "The Horses Mouth". Personally, I think "Coronets" is Guiness' best.

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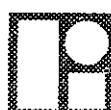
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Fires Harvard Tonight**Rifle Team Wins Three Matches**

The rifle team has begun a promising season by sweeping its first three shoulder to shoulder matches. In its first outing, an independent match with Boston University on November 16, the team won by a large margin, 1422 to 1335. Bob Clark '63 and Ron Pellar '61 led the Tech Team with individual scores of 289.

The first road trip to Burlington, Vermont, produced victories in matches with St. Michaels and University of Vermont, both New England league opponents.

The St. Michaels score on November 18 was 1423 to 1347 with top scores turned in by team captain, Bill Leffler '61, 290; Clark, 289; and Richard Ludemman '63, 285. Leffler again led the scoring on the 19th with a 286 as U.V.M. was defeated 1409 to 1389.

The team is looking forward to a successful season both in the Greater Boston League and in the New England League. Independent matches have also been scheduled with several of the top teams outside New England including the Service Academies. This year's team is strengthened by the addition of last year's freshmen who were undefeated in shoulder to shoulder matches, and placed second in the nation in the National Rifle Association's Freshman Postal Match. The team is coached this year by Major Robert Ireland of the Military Science Department.

Two home matches are scheduled this weekend. Friday MIT faces Harvard in a Greater Boston League match, and Saturday hosts a strong Norwich University team in New England League competition.

Wrestlers At Tufts Tomorrow, To Host Harvard Wednesday

The varsity wrestling team opens its home season Wednesday against Harvard in the du Pont Athletic Center. It will be the second outing for the grapplers, who compete at Tufts tomorrow.

Four returning lettermen and four of last year's freshmen team which placed third in New England are expected to pace the squad.

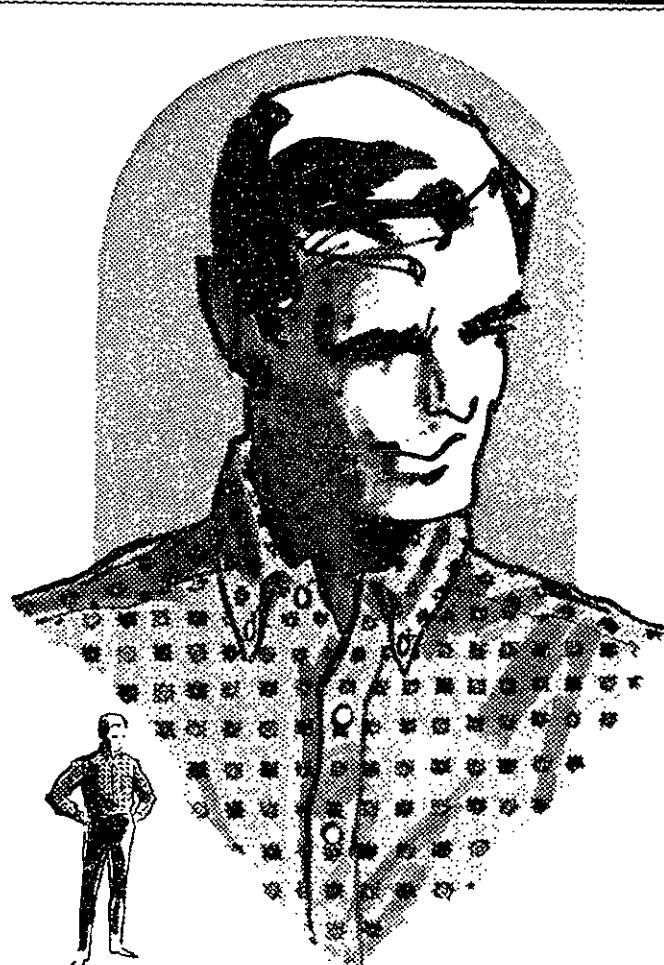
Paul Olmstead '62 in the 167 pound class, co-captains Dave Latham '61 and Andy Bulfer, John Sullivan '61 and Joe LaPrade '62 are the returning letter winners. From last year's frosh are Armen Gabrielien, Jim Evans (undefeated last season), Tom Gerrity, Mike Williams and Terry Chatwin.

Sullivan took third in last year's New England meet, while Bulfer placed fourth in his class. Evans was first among freshmen in the New Englands, while Chatwin and Williams won second places.

Following the Harvard match the grapplers will face Wesleyan and Williams in home meets, then Coast Guard, UMass and Dartmouth away.

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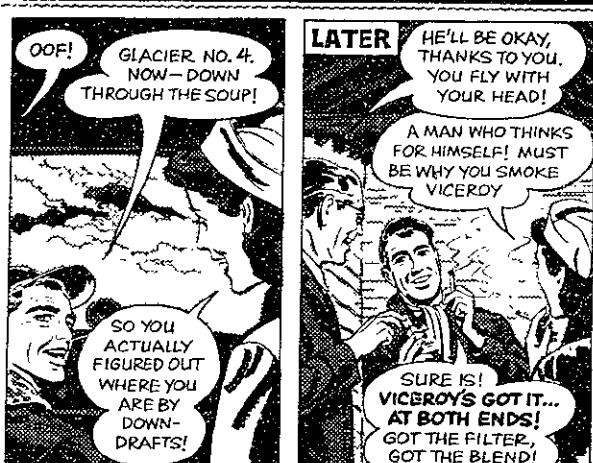
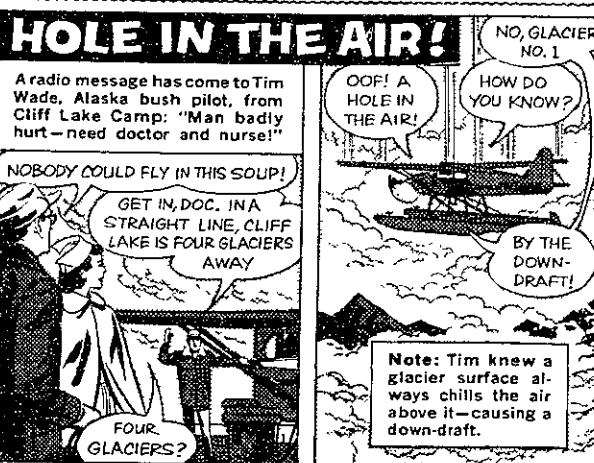
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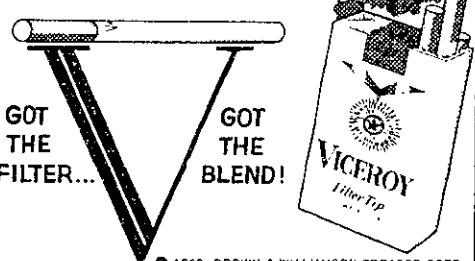
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Fencers Will Face Bradford Durfee In Opener Tomorrow

By Ron Baecker '63

The varsity fencers, defending New England champions, open their home season tomorrow at 2:00 p.m. with a match against Bradford Durfee. To repeat with another successful season a small nucleus of upperclassmen and quite a few promising sophomores must make up for the loss of New England titlists, Sherman Karp '60 in the foil and Joe Verderber '60 in the sabre.

Returning to fence with the foil are Steve Woo '62 and Al Regier '62. The depth in this event should be furnished by three outstanding sophomores, Bob Levis, Barry Rosof, and Dave Snow. The trio placed one, two, four in Class C New England Amateur Fencing League tryouts held earlier this fall.

Leading the swordsmen with the epee will be Captain Bill Julian '61, Stu Nelson '62, and Dave Wakeman '62. Julian, along with Karp and Verderber, went to the Nationals last spring. Two seniors, Francisco Cuervo '61 and Don Dilworth '61, will anchor the sabermen.

The cavaliers plunge into the heart of the schedule with a trip to Columbia on Saturday, December 10th and a home match with Harvard the following Wednesday evening.

The freshmen again have scheduled only home and home matches with Harvard, the first one on January 11 away.

Tufts Will Be Pool Enemy Wednesday

Seven returning lettermen, supplemented by a strong group of juniors and returnees from last season's freshman squad, will form the core of coach Charles Batterman's varsity swimming team which opens its season Wednesday with a home meet against Tufts.

The lettermen, with events, are Bill Bails '62 and Gordon Mann '62 (diving), Roger Cook '62 (freestyle), Dave Stein '62 and Jed Engeler '62 (distance), Pete Bankson '61 (individual medley) and captain Tony Silvestri '61 (butterfly).

Juniors Lynn Whelchel, Dave Carey and Mike Cervenka and sophomores Joe Schrade, Lauren Sompayrac and Ron Matlin are expected to round out the strong squad.

The swimmers, fourth in New England last year, will face their first major test against Bowdoin in an away meet next Saturday. Home meets with Coast Guard and Wesleyan follow.

Intramural Swimming Finals Sunday Evening

The finals of the intramural swimming tournament will be held Sunday at 7 p.m. following two days of trials yesterday and today. Scoring will be based on individual events, the medley relay and the freestyle relay.

Nineteen teams were entered for the meet, in which Theta Chi will be out to defend last year's championship. Swimmers must check in at the pool by 6:50 p.m. Sunday. The meet is free to the public.

Trinity Game Set For 8:15

Second Cage Tilt Tomorrow

By Edward M. Schneider '62
The MIT varsity basketball team will be playing its second game of the season tomorrow night as they host a strong Trinity quintet. The game is scheduled to begin at 8:15 p.m. in Rockwell Cage.

Tech will essentially be fielding the same squad that played throughout last season. However, last year the team lacked experience and was hurt by injuries to key players. The offense had been built around these players and subsequently fell apart with their departure. It was a team made up almost entirely of sophomores with limited basketball backgrounds.

These sophs are now juniors with a year of varsity ball under their belts. All but one letterman are returning, and the prospects look brighter. Coach John Barry will be looking to Dave Koch '62 and Tom Burns '62 for the scoring punch. Koch, the key player last season, had the highest point average in the Greater Boston area before a knee injury sidelined him and the hopes of the MIT five. However, he is back in form again, and Coach Barry expects that his hook shot and jump shot will be frequently adding two points to the Tech score.

Playing regularly as a for-

ward last season, Burns gained a lot of experience and poise which he will display this season at the high post position. His fine jump shot should do a lot of damage.

To set up the plays, the Engineers will have a backcourt made up from Chuck Gamble '62, Phil Robinson '62, Jeff Paarz '63, and Kent Groninger '63. Gamble was a starter at guard on the 1959-60 squad. Robinson, back from a co-op program, is an aggressive player

and a fine playmaker. Paarz and Groninger, up from last year's freshman squad where they each averaged fourteen points per game, should help out. In addition, the backcourt will be frequently bolstered by returning juniors Steve Smith, George Wyman, and Terry Bray. Bill Koch '62 and Harry Elliott '62 will be helping out under the boards.

The offense employed by the Engineers will concentrate on a maximum of driving and shooting, which is going to have to be sharp to make up for the ever-present lack of height and weight on the squad. At 6'3" and 170 pounds, Dave Koch is the biggest man. He'll be giving about four inches and thirty pounds on most of the pivot men he will be facing.

Beginning with last night's game against a very strong Bates team, Tech plays its first four games against stiff competition; Trinity, Northeastern, and Harvard to follow. Northeastern will be at the Cage next Wednesday night with the Crimson hosting MIT next Saturday.

Coach Barry has been working hard with his boys. With the right breaks, the forecast for the team is partly cloudy with occasional rays of sunshine and a few inevitable thunderstorms.

On Deck

Today, December 2
Rifle with Harvard 6:00 p.m.
Tomorrow, December 3
Basketball with Trinity (F&V) 6:15 and 8:15 p.m.
Fencing with Bradford Durfee 2:00 p.m.
Rifle with Norwich 10:00 a.m.
Squash at Dartmouth
Wrestling at Tufts (V&F)
Wednesday, December 7
Wrestling with Harvard 7:00 p.m.
Swimming with Tufts (F&V) 7:00 and 8:15 p.m.
Basketball with Northeastern (F&V) 6:15 and 8:15 p.m.
Friday, December 9
Squash with Adelphi 7:00 p.m.

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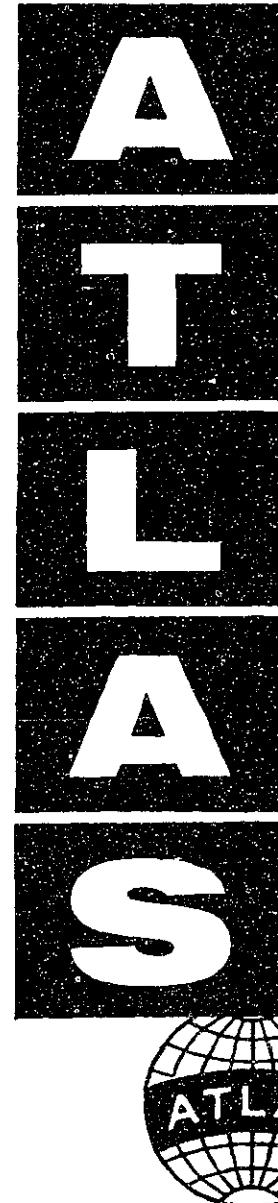
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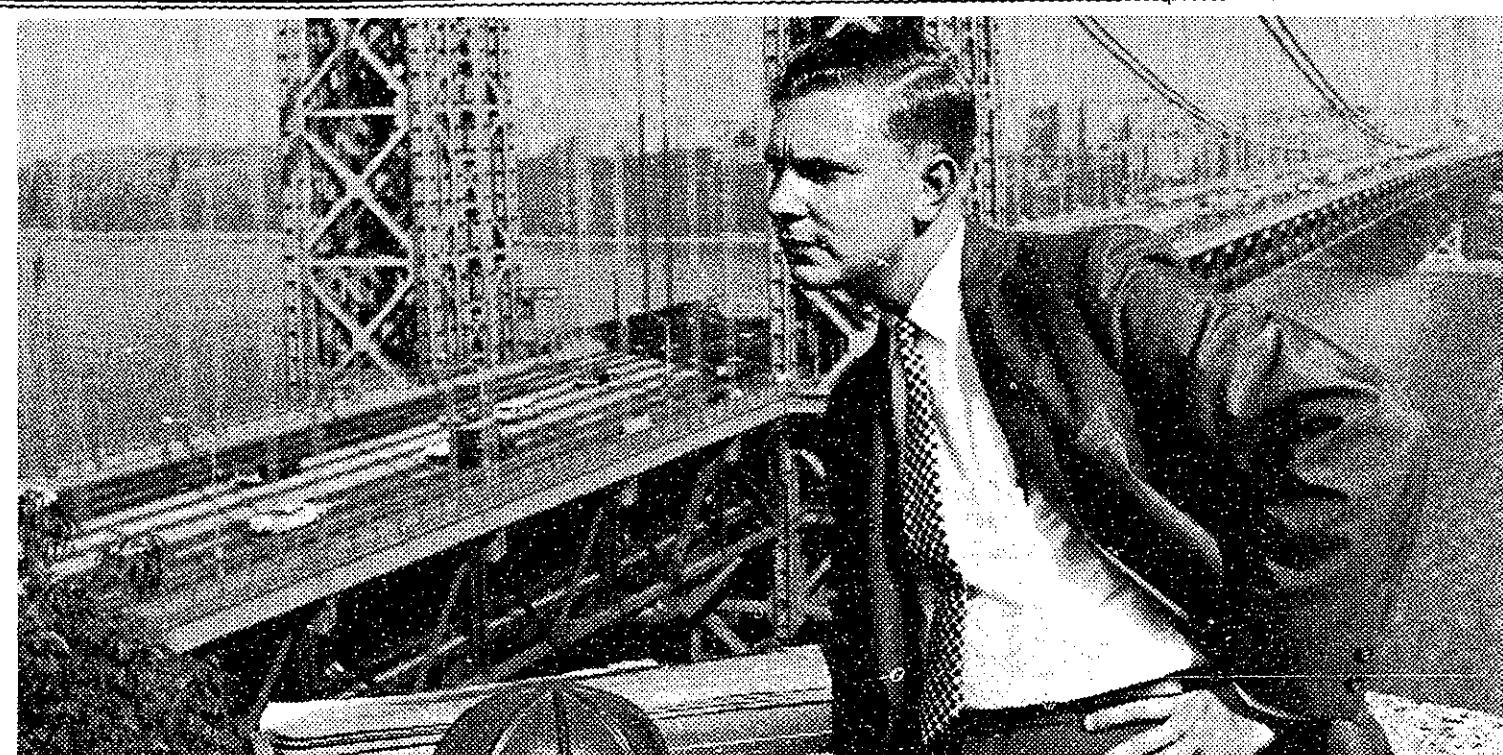
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